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(FILE 'HOME' ENTERED AT 14:09:10 ON 19 FEB 2004)

FILE 'USPATFULL' ENTERED AT 14:09:23 ON 19 FEB 2004

L1 23 S CADMIUM(S) (NUTRIT?)
L2 10 S L1 NOT PY>=1999

FILE 'MEDLINE' ENTERED AT 14:29:53 ON 19 FEB 2004

L3 42 S L2

L14 ANSWER 22 OF 24 USPATFULL on STN

ACCESSION NUMBER: 80:48435 USPATFULL

TITLE: Complexes of oligo- and polygalacturonic acids formed with essential metal ions and pharmaceutical preparations containing the same

INVENTOR(S): Lakatos, Bela, 17 Tarcsay V. utca, 1026 Budapest, Hungary
Meisel nee Agoston, Julia, 39-41 Ulaszlo ut, 1113 Budapest, Hungary
Varju, Mihaly, 9 Kuny utca, 1012 Budapest, Hungary

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4225592		19800930
APPLICATION INFO.:	US 1979-11421		19790212 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1978-901835, filed on 1 May 1978, now abandoned which is a continuation-in-part of Ser. No. US 1977-782050, filed on 28 Mar 1977, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	HU 1976-MA2754	19760331
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Brown, Johnnie R.	
LEGAL REPRESENTATIVE:	Young & Thompson	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	845	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . of age on iron absorption", J. Gerontol., 24, 95-96 (1969)], zinc and copper [M. Anke and H. J. Schneider: "Zinc, cadmium and copper metabolism in men", Arch. Exp. Veterinaarmed., 25, 805-9 (1971)] and chromium [H. A. Schroeder: "Trace elements and Nutrition", . . . arteriosclerosis, diabetes mellitus, cardiovascular diseases (e.g. myocardial infarct), nephrolithiasis and ulcus emerge (see e.g. E. J. Underwood: "Trace elements in human and animal nutrition", Academic Press, N.Y. 1977). Therefore numerous vitamins and preparations containing essential elements are sold as geriatric preparations. . . the first law of Le Compte", Rejuvenation, 4, 63-6 (1976)]. Accordingly, a preparation which makes possible the simple and efficient administering of the above trace elements is obviously desired.

L14 ANSWER 14 OF 24 USPATFULL on STN

ACCESSION NUMBER: 92:57663 USPATFULL

TITLE: Stabilized compositions containing epidermal growth factor

INVENTOR(S): Cini, John K., Bethlehem Township, Northhampton County, PA, United States

Finkenaur, Amy L., Somerville, NJ, United States

PATENT ASSIGNEE(S): Ethicon, Inc., Somerville, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5130298		19920714
APPLICATION INFO.:	US 1989-353131		19890516 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schain, Howard E.		
ASSISTANT EXAMINER:	a		
LEGAL REPRESENTATIVE:	Grochala, Richard J.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	434		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . cations may achieve the same effect. Such suitable cations must be "pharmaceutically acceptable," which means that they are non-toxic to **humans** and have no harmful or undesirable side effects when **administered to humans**, such as inflammation or immunological reaction. Such suitable cations must not cause the degradation of EGF, but rather must be. . . cause free radical formation: manganese, copper, iron and cobalt. Other cations which may be suitable are those of magnesium, calcium, **cadmium**, nickel, tin, potassium and lithium.

09/989, 674

ACCESSION NUMBER: 77134661 MEDLINE
DOCUMENT NUMBER: 77134661 PubMed ID: 402929
TITLE: Balance study of twenty trace elements during total
parenteral nutrition in man.
AUTHOR: Jacobson S; Wester P-O
SOURCE: BRITISH JOURNAL OF NUTRITION, (1977 Jan) 37 (1) 107-26.
Journal code: 0372547. ISSN: 0007-1145.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 197705
ENTRY DATE: Entered STN: 19900313
Last Updated on STN: 19970203
Entered Medline: 19770527

AB 1. Balances of twenty trace elements (silver, arsenic, gold, bromine, cadmium, cobalt, chromium, caesium, copper, iron, mercury, lanthanum, molybdenum, rubidium, antimony, scandium, selenium, samarium, tungsten and zinc) have been determined in four male patients during total parenteral nutrition including fat emulsion and a special solution for addition of Fe, Zn, manganese, Cu, fluorine and iodine, besides calcium and magnesium, to the infusion solutions. 2. The analyses for trace elements were made with the aid of an ion-exchange technique based on neutron activation, and combined with subsequent gamma spectrometry. 3. The intended intravenous supply of trace elements correspond approximately to the analysed supply. However, all the other trace elements determined were found to be unintentionally administered in small amounts. 4. There was a substantial retention of Fe. Other elements retained were Ag, Co, Cr, Cu, Sb, Sc, and W. 5. Particularly Br and Rb were lost by the patients, but negative balances were also found for As, Au, Cd, Cs, Mo, Se and Zn. However, Zn was retained by one patient with short bowel syndrome. 6. The serum concentrations of thirteen (Ag, Br, Co, Cs, Cu, Fe, Hg, Mo, Rb, Sc, Se, W and Zn) of the trace elements were found to have some decrease during the period of total parenteral nutrition, mostly in accordance with the corresponding balance values, Fe, in particular, was found to have the derirectional change in concentration. 7. The administration of trace elements is recommended in long-term total parenteral nutrition.

AB 1. Balances of twenty trace elements (silver, arsenic, gold, bromine, cadmium, cobalt, chromium, caesium, copper, iron, mercury, lanthanum, molybdenum, rubidium, antimony, scandium, selenium, samarium, tungsten and zinc) have been determined in four male patients during total parenteral **nutrition** including fat emulsion and a special solution for addition of Fe, Zn, manganese, Cu, fluorine and iodine, besides calcium and. . .